09804246.031301

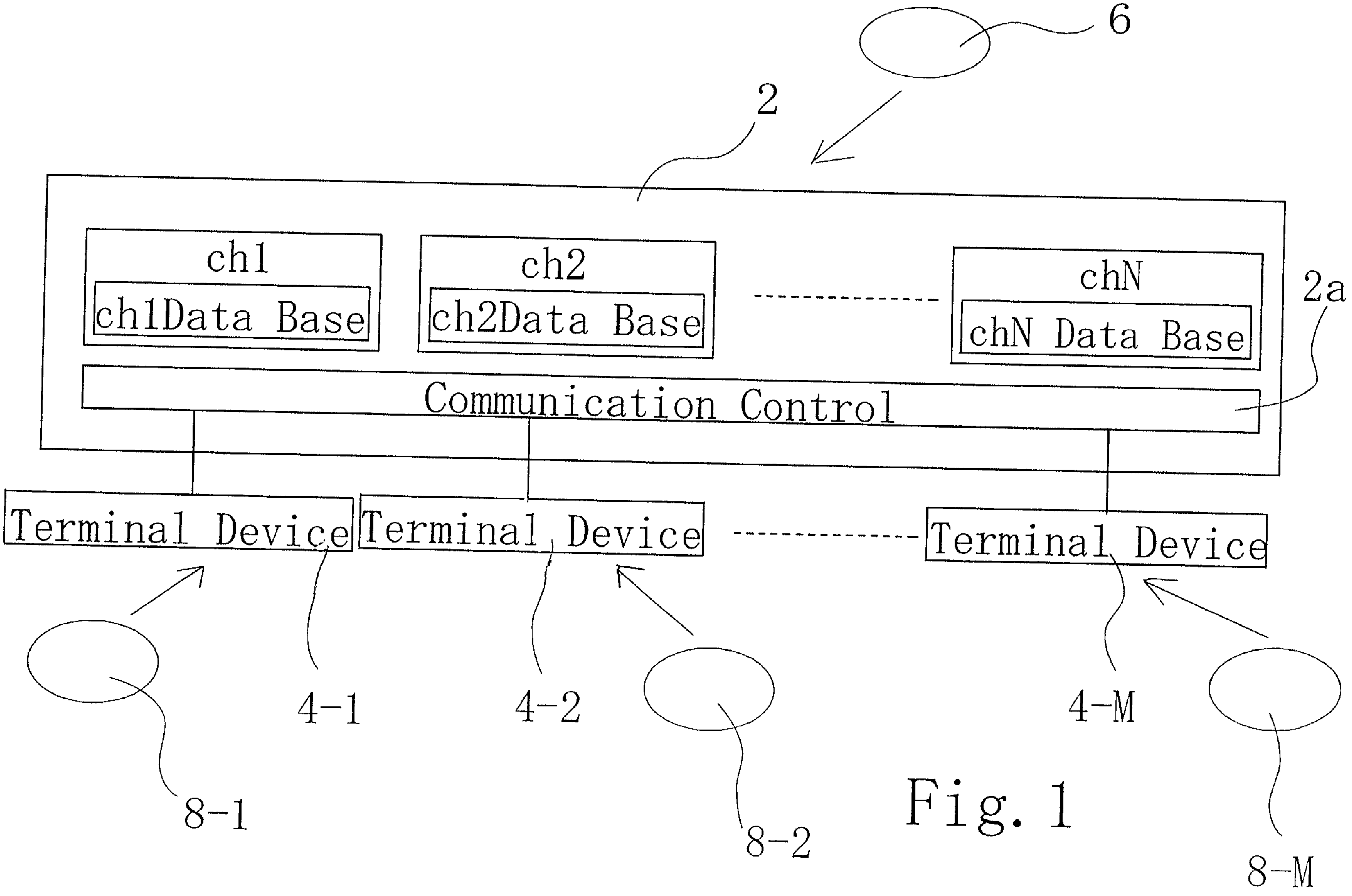
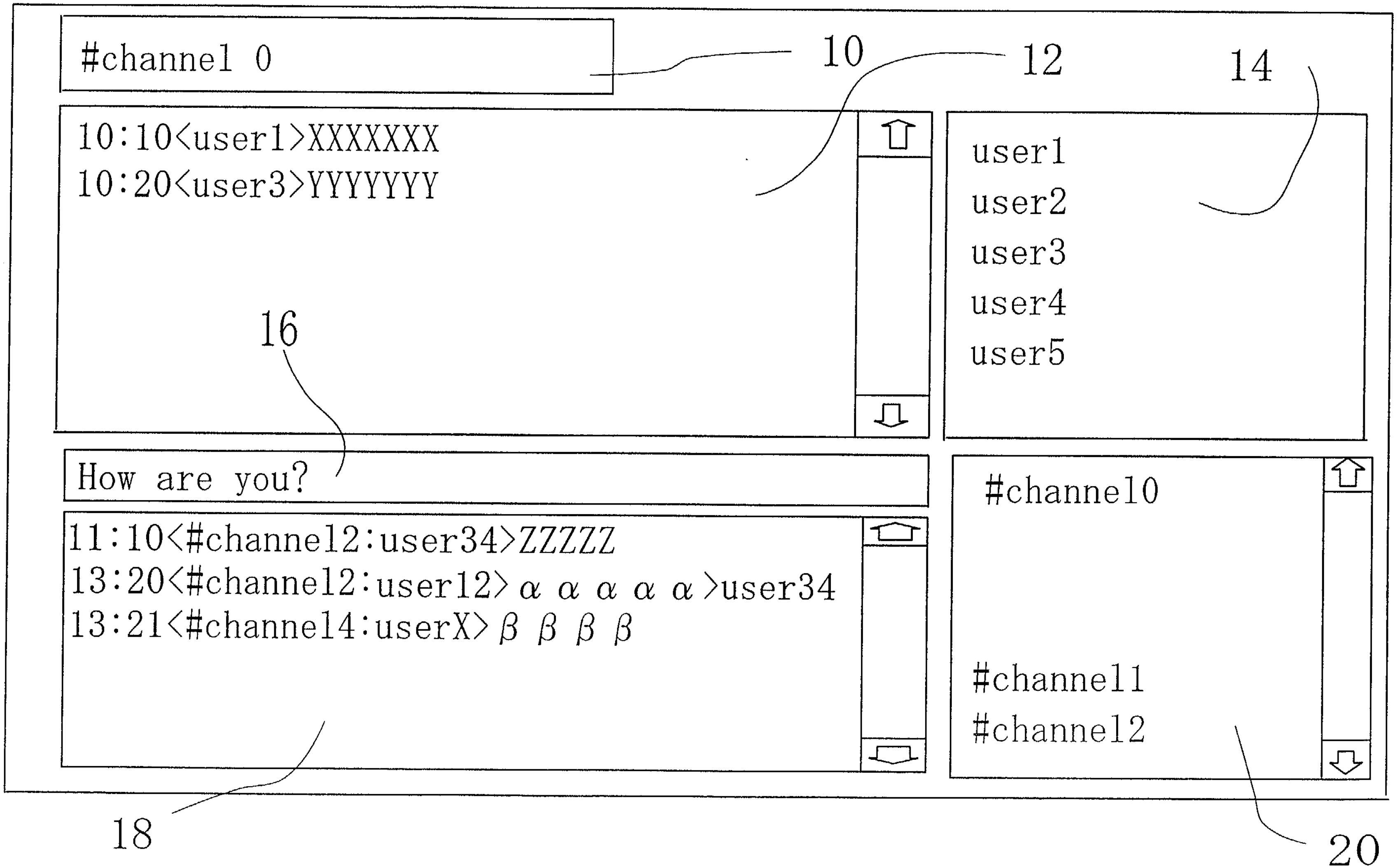


Fig. 1



10:10<user1>XXXXXXX
10:20<user3>YYYYYYY

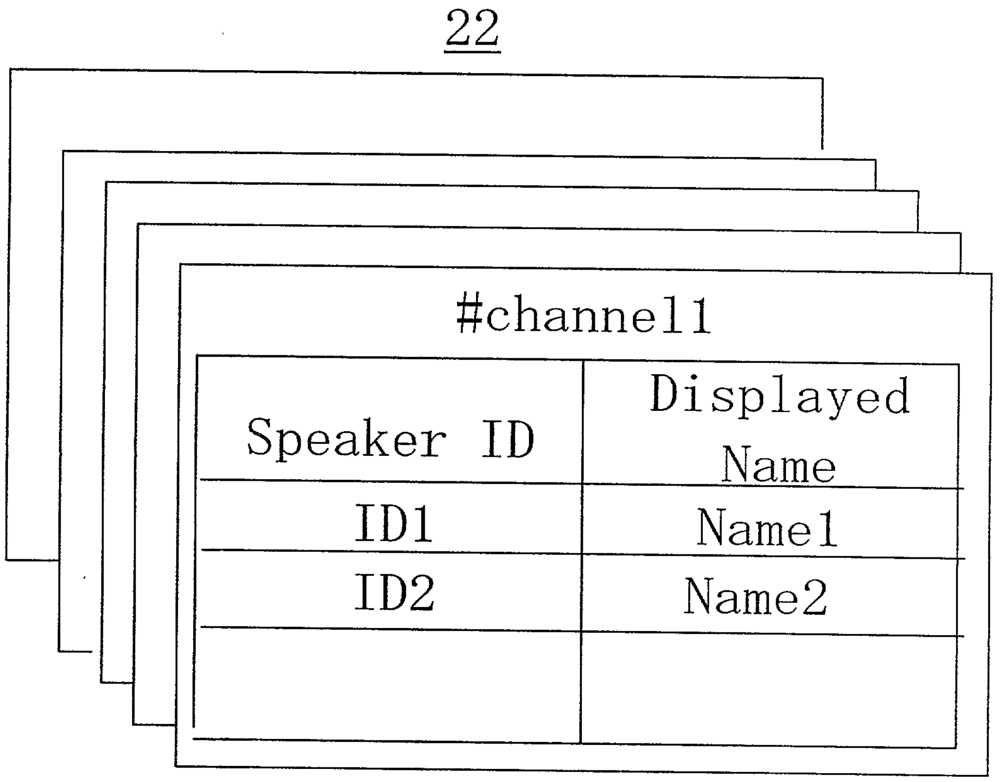
user1
user2
user3
user4
user5

How are you?

11:10<#channel2:user34>ZZZZZ
13:20<#channel2:user12>α α α α α>user34
13:21<#channel4:userX>β β β β

#channel0
#channel1
#channel2

FIG. 2



#channel1

Speaker ID	Displayed Name
ID1	Name1
ID2	Name2

FIG. 3A

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22a

Speaker ID	Channel	Display Name
ID1		Name1
ID2	#channel1	Name2
ID2	#channerl2	Name3
ID2	ID1	Name4
⋮	⋮	⋮

FIG. 3B

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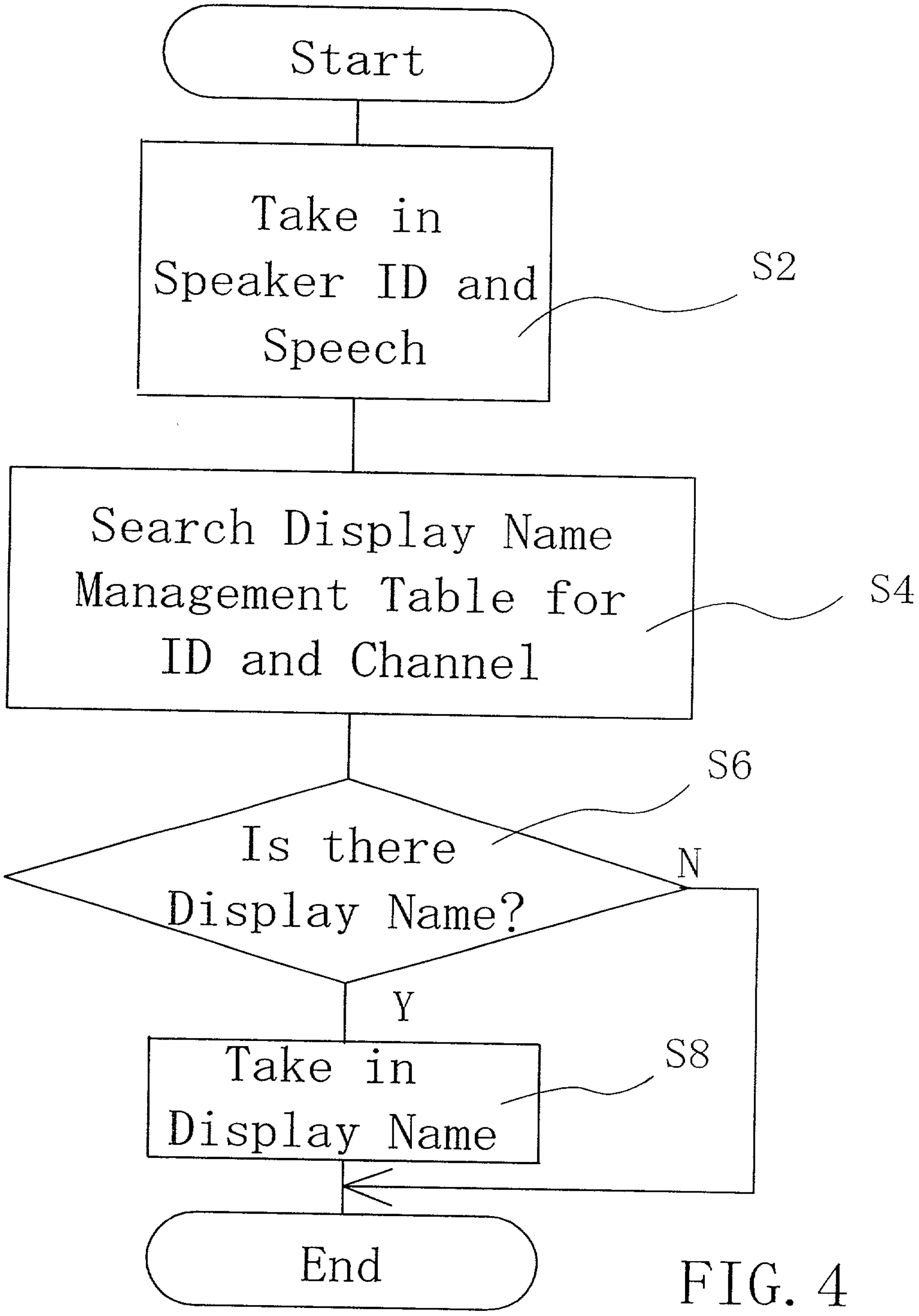
Start
Take in Speaker ID and Speech
S2
Search Display Name Management Table for ID and Channel
S4
S6
Is there Display Name?
N
Y
Take in Display Name
S8
End

FIG. 4

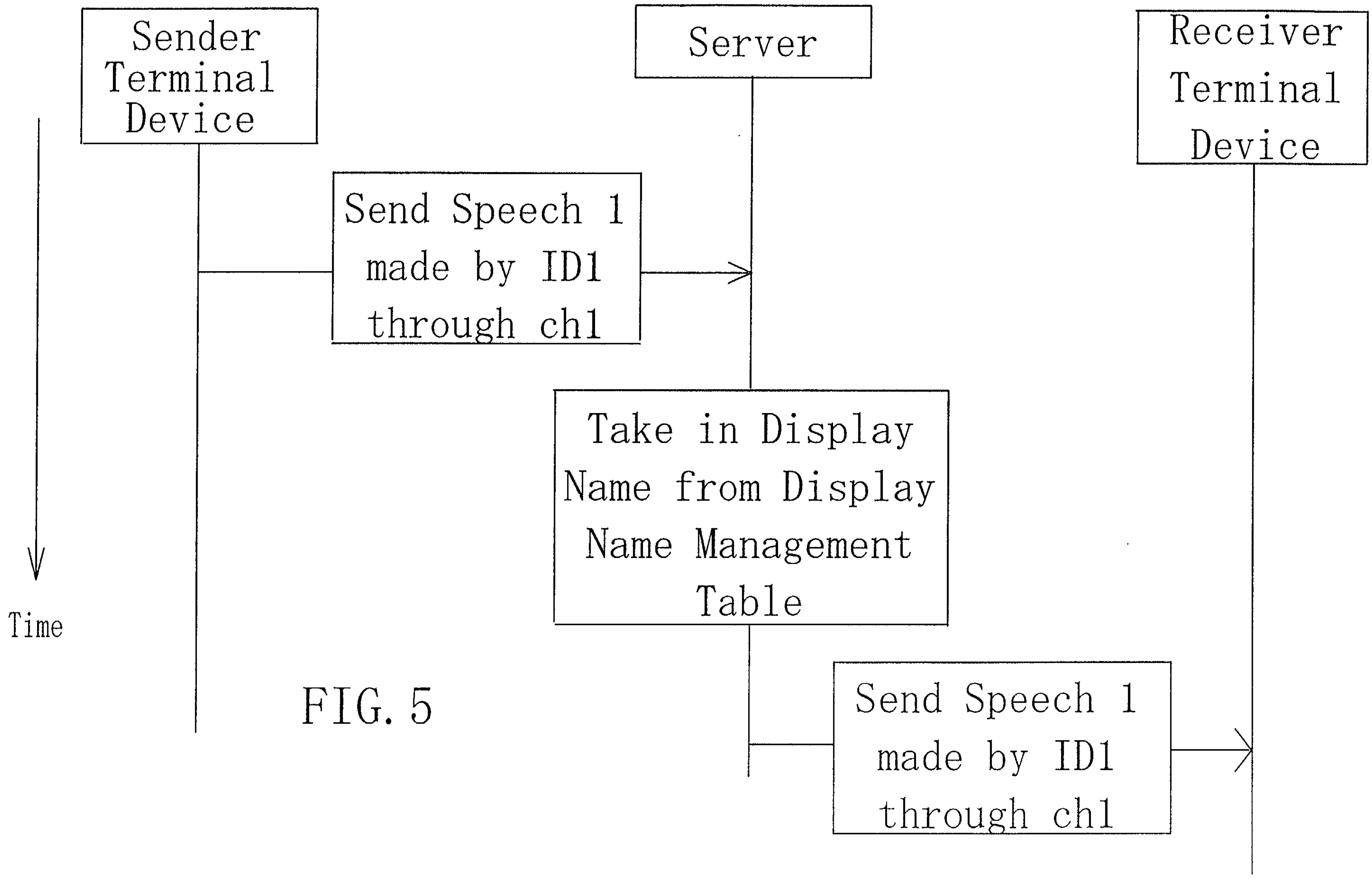
Sender Terminal Device
Server
Receiver Terminal Device
Time
Send Speech 1 made by ID1 through ch1
Take in Display Name from Display Name Management Table
Send Speech 1 made by ID1 through ch1

FIG. 5

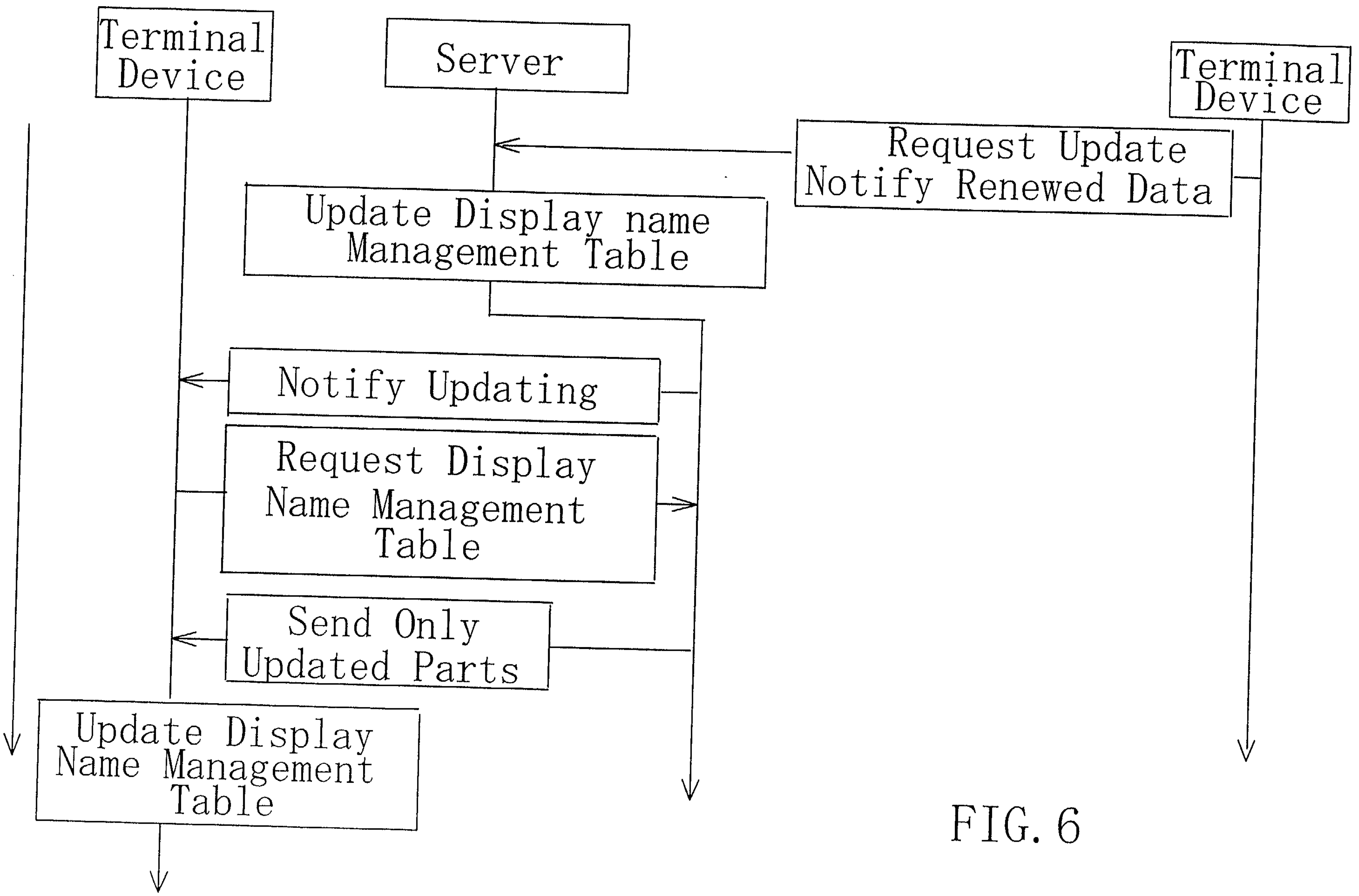
Terminal Device
Server
Terminal Device
Request Update
Notify Renewed Data
Update Display name Management Table
Notify Updating
Request Display Name Management Table
Send Only Updated Parts
Update Display Name Management Table

FIG. 6

TOETEO"9h2h0860

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Row No.	SpeakerID	Time	Message
1	ID1	10:20	Speech 1
2	ID2	11:03	Speech 2
⋮	⋮	⋮	⋮

FIG. 7

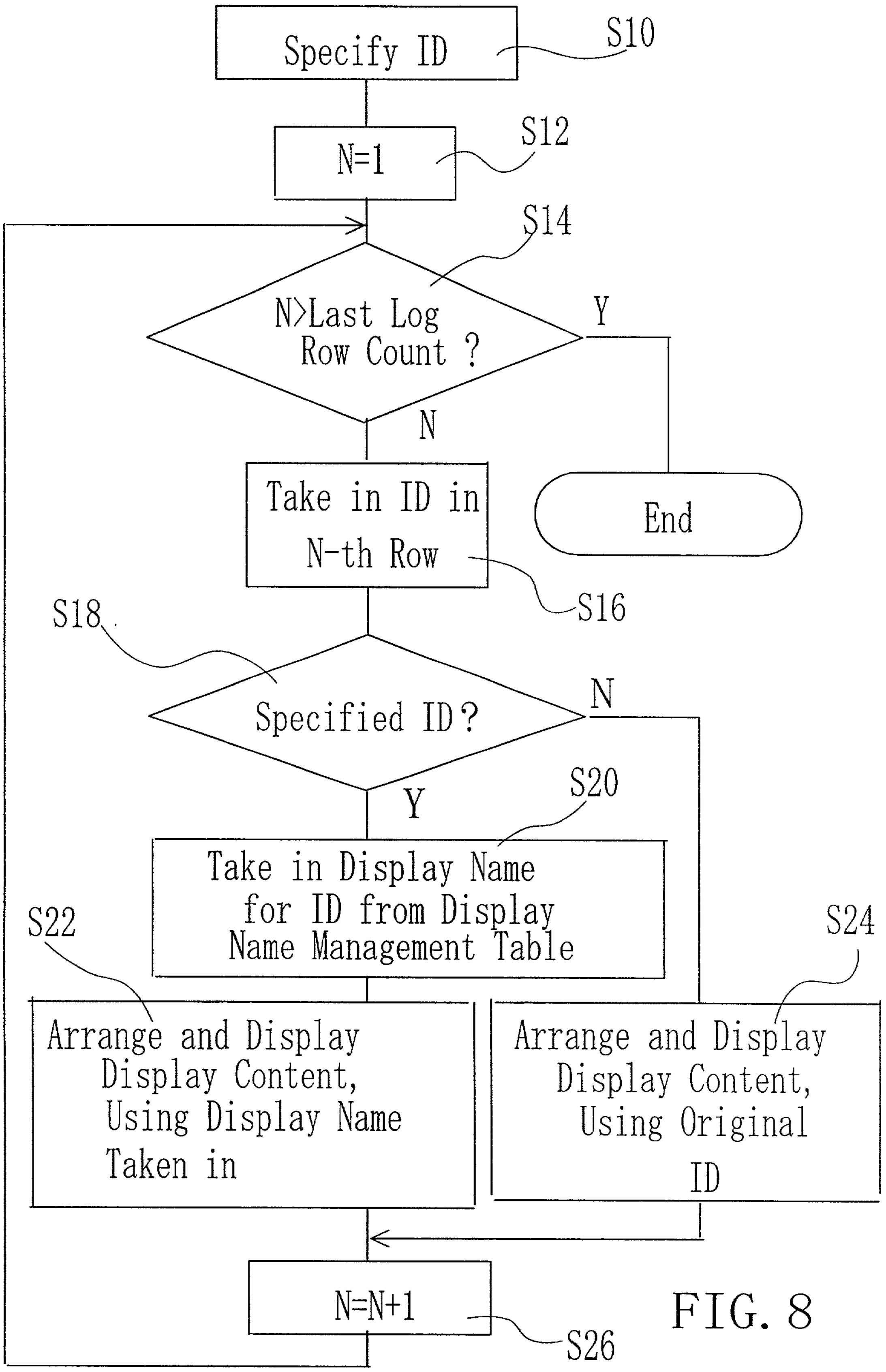
Specify ID
S10
N=1
S12
S14
N>Last Log Row Count ?
Y
N
End
Take in ID in N-th Row
S16
S18
Specified ID ?
N
Y
S20
Take in Display Name for ID from Display Name Management Table
S22
S24
Arrange and Display Display Content, Using Display Name Taken in
Arrange and Display Display Content, Using Original ID
N=N+1
S26

FIG. 8